

The State of New Hampshire

Department of Environmental Services



Michael P. Nolin Commissioner

October 14, 2005

LETTER OF CLOSURE for LETTER OF DEFICIENCY #WSEB 04-071

Paul Annaloro Long Pond Road PO Box 400 Danville, NH 03891

Subject: Danville - Public Water System: Danville Four Seasons (EPA #0583050)

LOD Closure and Future Radionuclide Sampling Requirements

Dear Mr. Annaloro:

The Department of Environmental Services (DES) has reviewed your file to evaluate the status of your outstanding Letter of Deficiency # WSEB 04-071, dated May 17, 2004 (the "LOD"), and determine your future sampling requirements. The LOD cited violations of compliance gross alpha and radium 226&228 for source Site #500 Dep Tap/Pump House/Blend Wells 004 and 005. Correspondence from your operator, Diane Shikrallah indicated that the contaminated well (Source 005 – BRW 5/168'SE of new PS) was taken off line and has been physically disconnected from the system. Since our records indicate that the Blend site (site #500), which is the subject of the LOD, has been deactivated, DES hereby closes the LOD. As such, actions requested in the LOD are no longer required.

Upon further review of the current source of water for your system, specifically Site #004 – BRW 4/118' SW OF NEW PS, DES acknowledges that the required initial quarterly radionuclide samples have been completed. The average of your systems results were used to determine your next sampling event as specified in Env-Ws 324.10. As such, your radionuclide sampling requirements have been modified as follows.

SITE: 004 – BRW 4/118' SW OF NEW PS

| Contaminant | FRDS | Next Sampling Quarter/Year |
|------------------------------------|--------------|-----------------------------------|
| | Code | |
| Compliance Gross Alpha (pCi/L)* | 4000 | Quarter 3 / 2012 |
| Radium 226 plus Radium 228 (pCi/L) | 4010 | Quarter 3 / 2009 |
| Uranium (ug/L) | 4006 | Quarter 3 / 2012 |
| * Note: Compliance Gross Alpha = a | nalytical gr | ross alpha minus uranium activity |

We have revised the chemical monitoring section of your Master Sampling Schedule to reflect this change. Due to the fact that the next required radionuclide monitoring may be beyond the

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current 3 year compliance period, your radionuclide requirements may be included at the bottom of the chemical monitoring section of your Master Sampling Schedule. Please disregard any previous chemical monitoring sampling schedules received for this system.

It is important to note that compliance with this rule, unlike the last radionuclide rule, requires submittal of results for each of the three specific contaminants listed above. We have modified your Analysis Request Form (copy enclosed) to specify these three selections. Since your yearly testing requirements may vary for each of these three contaminants, please check your schedule to ensure that the correct tests are requested. Also, since these contaminants are interrelated and some calculations may be necessary, communication with your laboratory, *in advance*, is encouraged. To prevent monitoring/reporting violations, you must ensure that the correct test result(s) is submitted to us. For example, to determine compliance gross alpha, a uranium value is necessary. As such, it is important that your laboratory understand exactly what your reporting requirements are.

Please note that the Master Sampling Schedules and all analysis request forms are available on line at http://www.des.state.nh.us/OneStop/Public_Water_Systems_Query.aspx. In order to ensure proper credit for samples taken, please remember to use the correct EPA# and Source ID# on the analysis request form. These numbers are listed on the enclosed Master Sampling Schedule.

If you have any questions or need assistance, please contact Tricia Madore at (603) 271-3907 or via email at *tmadore@des.state.nh.us*. I can be contacted by phone at (603) 271-4109 or by email at *smakofsky@des.state.nh.us*.

Sincerely,

Selina J. Makofsky, P.G.

Monitoring and Enforcement Section Water Supply Engineering Bureau

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Enclosures: Master Sampling Schedule Analysis Request Form(s)

cc: Gretchen R. Hamel, DES Legal Unit Administrator (w/out encl.)

Bernie Lucey, P.E., DES (via email w/out encl.) Town of Danville Health Officer (w/out encl.)

Mark Young, Malcolm Young Water Well Co., Primary Operator

Diane Bosclair, EPA Region 1 (via email w/out encl.)

EPA, Region 1 (w/out encl.)

File